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STATE OF LOUISIANA
DEPARTMENT OF TRANSPORTATION AND DEVELOPMENT
TECHNICAL SPECIFICATIONS FOR

COMPACT TRACK LOADER, LARGE FRAME

SERIES NO. 815-500

REV. 7/15/2025

EQUIPMENT SPECIFICATION 815-500B

GENERAL

This specification sets forth the minimum requirements for a large frame compact track loader.

Equipment shall be new, a production model of current manufacture, and must meet all state and Federal safety and emission standards in effect at time of order.

REPRESENTATIVE SPECIFICATIONS

A John Deere model 333P and a Caterpillar 275 with appropriate options and standard features, was used to develop these specifications and establish equivalency evaluation criteria.

Alternate equipment brands and models of similar style, type, character, quality, features, and purpose conforming to the following detailed requirements/specifications will be considered. For evaluation purposes, bidder's proposing an exception/equivalent option/feature to those specified herein, may be required to provide manufacturer/product information (catalogue sheets, detailed specifications, pictures, etc.). This information will be evaluated against the minimum requirements of this specification. Proposed submittals that are determined to not be equivalent to the established criteria will be rejected.

LOUISIANA AUTHORIZED DEALER(S)

Proposed item(s) must be from a manufacturer who has at least one (1) authorized dealer **within the State of Louisiana** where parts and service can be obtained. Authorized dealer(s) must have properly trained technicians plus all other resources necessary to perform warranty and repair services in complete accordance with the manufacturer's requirements. A letter certifying the ability to meet this requirement, inclusive of the company name(s) and address(es) of the Louisiana authorized dealer(s), should be supplied with the bid submittal and may be required prior to award.

DELIVERY & ACCEPTANCE

Vendor shall perform a test run of each unit to verify that all features and capabilities are operating properly at time of delivery. Documentation of testing may be required prior to acceptance by the Department.

Unit(s) must be delivered completely assembled (including all components, accessories, etc.) and ready for operation without any additional preparation including, but not limited to, ensuring all fluid levels are at their full mark, **fuel tank(s) level is at least ¾ of tank**, all necessary lubrication has been performed, etc.

Any unit delivered under this specification is subject to rejection if there is evidence of poor workmanship, by either the vendor or the original manufacturer. Noted defects and/or nonconformance findings may be corrected by the vendor. Corrections must be completed and approved by the Equipment Engineer or his representative prior to final acceptance.

Unit(s) shall be delivered "**on the ground**;" DOTD will not unload nor provide any unloading equipment to the vendor/delivery driver in order to offload the unit(s).

NOTE: The Department will have space available for equipment to be unloaded.

EACH UNIT MUST BE SUPPLIED WITH THE FOLLOWING DOCUMENTATION:

1. Dealer's Service Policy
2. Owner's/Operator's Manual(s)
 - a. One (1) Hardcopy
 - b. One (1) Digital Copy
 - i. Acceptable Formats: PDF delivered via USB "Flash Drive", or E-mail
3. Build Sheet(s) – as applicable
 - a. One (1) Hardcopy
 - b. Build sheets should be writing in plain language (not company specific codes) and include, at a minimum, all standard & optional features of the delivered unit.

NOTE: Invoices will not be processed for payment until the unit(s) have been inspected by the Equipment Engineer or their representative and deemed in compliance with the specifications.

BID SUBMITTALS

Any additions, deletions, or variations from the specifications should be noted in the "Bidder's Exceptions" page of this specification. Exceptions that are noted to be less than a minimum requirement will not be accepted.

Any additions, deletions or variations from the manufacturer's standard published specifications should be noted on the "Bidder's Exceptions" page of this specification. Unless otherwise noted, any items appearing in the manufacturer's standard published specifications furnished by the Bidder are assumed to be included in the Bidder's submittal.

Bidder should note on their submittal any installation(s) to the equipment that will be performed by the vendor instead of the manufacturer.

Failure to note any specification exceptions, manufacturer specification alterations, and/or vendor installations prior to award may result in rejection of the equipment at the time of delivery.

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NOTICE TO BIDDERS

Bidder should review the detailed "Equipment Specification" completely and respond to the compliance question at the end of each section by marking "X", in the space provided, for "Yes" or "No". Mark "Yes" to indicate that the equipment bid meets the section exactly as specified. Mark "No" if there are exceptions to any part of that section. Exceptions/deviations to any part of the specification are to be detailed on the "Bidder's Exceptions" page of this specification.

IN ORDER TO BE CONSIDERED FOR AWARD, BIDDER SHOULD RETURN THIS SPECIFICATION, COMPLETED IN FULL, WITH THEIR BID SUBMITTAL.

Note: All Values listed below are minimums unless noted otherwise.

1. General Description

These specifications describe a large frame compact track loader with an operating weight of 11,000-13,500 lbs.

1.1. Capacities

1.1.1. Minimum rated operating capacity (ROC)

1.1.1.1. 3,100 lbs. @ 35% tipping load (SAE J818)

1.1.1.2. 4,500 lbs. @ 50% tipping load

1.1.1.3. Ratings are without ballast or add-on weights

1.1.2. Dump height: 94"

Comply: ____ Yes ____ No

1.2. Engine

1.2.1. 84 net HP, diesel fueled, liquid cooled

1.2.2. Automatic shutdown for low oil pressure, or high engine coolant and hydraulic oil temperatures

1.2.3. 25 gallon fuel tank

Comply: ____ Yes ____ No

1.3. Electrical system: standard for make and model

1.3.1. Battery disconnect switch

Comply: ____ Yes ____ No

1.4. Hydraulic System

1.4.1. 23 gpm standard flow

1.4.2. Auxiliary high flow system

1.4.2.1. 36 gpm

1.4.2.2. 75 hydraulic horsepower (calculated), $\frac{(flow \times pressure)}{1714}$

1.4.3. Flush face style quick couplers

1.4.4. Oil cooler

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1.4.5. Ten (10) micron hydraulic filter

1.4.6. Case drain hose group with a zero-pressure return line to sump. Loaders that do not offer this feature are unacceptable.

Comply: ____ Yes ____ No

1.5. Operator Station

1.5.1. Enclosed ROPS/FOPS protection

1.5.2. Driver emergency escape window

1.5.3. Clear polycarbonate operator shield

1.5.4. A/C and heater

1.5.5. Instrumentation that alerts the operator to the following:

1.5.5.1. Battery voltage, hour meter, engine coolant temperature, tachometer, hydraulic oil temperature, fuel level, engine oil pressure, hydraulic oil filter restriction and air filter restriction

Comply: ____ Yes ____ No

1.6. Undercarriage: Rubber tracks, steel embedded, standard size for unit bid

Comply: ____ Yes ____ No

1.7. Accessories

1.7.1. 78"-86" standard bucket with bolt on cutting edge

1.7.2. Hydraulically operated universal skid steer quick attach coupling system

1.7.3. Work lights front and rear

1.7.4. Backup alarm and horn

1.7.5. GPS location capability with service for the entire 1 year and 1 day buy back period

1.7.6. Fire extinguisher

1.7.7. SMV triangle

Comply: ____ Yes ____ No

1.8. Warranty: One year full coverage at nearest authorized location

Comply: ____ Yes ____ No

